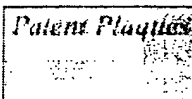


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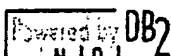
Country: **JP Japan**
 Kind:
 Inventor(s): **TSUJITA KAZUHIRO**
 Applicant(s): **FUJI PHOTO FILM CO LTD**
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 Issued/Filed Dates: **June 23, 1998 / Dec. 10, 1996**
 Application Number: **JP1996000329549**
 IPC Class: **A61B 1/04; G02B 23/24; H04N 7/18;**

Abstract: **Problem to be solved:** To solve the blur of an image by the lack of focal depth of an objective optical system by providing an image processing means for subjecting an image signal of a predetermined prescribed range to image recovering processing.
Solution: When a fluorescent image is taken and displayed, an exciting light source 10 is lighted, and an excited light L1 propagated in a light guide 12 is emitted to irradiate a diagnostic part 30. The fluorescence L3 emitted from the light sensitive material of the diagnostic part 30 is partially reflected by a beam splitter 19, imaged on a fluorescent image pickup means 22, and taken thereby. Further, an image signal S1 outputted by the fluorescent image pickup means 22 is inputted to an image display means 24 and displayed. The image signal S1 is also inputted to an image processing device 23 and subjected to an image recovering processing using PSF(point spreading function) of an objective lens 20. The resulting image signal S1' is inputted to an image display means 24 and displayed. When the solving effect of blur is low, PSF is successively changed, whereby the blur of a fluorescent image by the lack of focal depth can be thus minimized.

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Other Abstract Info: **DERABS G98-406272 DERG98-406272**

Foreign References: **(No patents reference this one)**



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